## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	1	"20020093026"	US-PGPUB; USPAT; USOCR; EPO; JPO	SAME	ON	2007/04/11 14:18
S11 8	65	S117 and stress	US-PGPUB; USPAT; USOCR	SAME	ON	2007/04/11 11:46
S11 7	201	"led array" and (leadframe or "lead frame")	US-PGPUB; USPAT; USOCR	SAME	ON	2007/04/11 11:46
S10 9	220	(leadframe or "lead frame") (reducing stress)	US-PGPUB; USPAT; USOCR	SAME	ON	2007/04/11 10:43
S10 8	12	(leadframe or "lead frame") (reducing stress) (slot or gap or cut)	US-PGPUB; USPAT; USOCR	SAME	ON	2007/04/11 10:43
S10 6	99	(light adj emitting) (reducing stress)	US-PGPUB; USPAT; USOCR	SAME	ON	2007/04/11 10:40
S10 7	14	S106 and (frame)	US-PGPUB; USPAT; USOCR	SAME	ON	2007/04/11 10:38
S10 5	13	shiohama eiji	US-PGPUB; USPAT; USOCR	SAME	ON	2007/04/11 10:37
S10 3	10	kimura hideyoshi	US-PGPUB; USPAT; USOCR	SAME	ON	2007/04/11 09:56
S10 2	97	("4264917"   "5148265"   "5148266"   "5214845"   "5216278"   "5241133"   "5311059"   "5376588"   "5397921"   "5420460"   "5473512"   "5477611"   "5528083"   "5548091"   "5561323"   "5592025"   "5640047"   "5674785").PN. OR ("5990545"). URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/04/11 09:53
S10 1	38	S100 and slot	US-PGPUB; USPAT; USOCR; EPO; JPO	SAME	ON	2007/04/11 09:47
S10 0	249	S99 and (leadframe or "lead frame")	US-PGPUB; USPAT; USOCR; EPO; JPO	SAME	ON .	2007/04/11 09:47

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C:\Documents and Settings\jingham\My Documents\EAST\Workspaces\packages\10 529718 led metal carrier with expansion joints.wsp

## **EAST Search History**

S99	5780	thermal with expansion with joint	US-PGPUB;	SAME	ON	2007/04/11 09:47
			USPAT; USOCR; EPO; JPO			
S12	23486	expansion with joint	US-PGPUB; USPAT; USOCR; EPO; JPO	SAME	ON	2007/04/11 09:47
S94	180	S93 and (thermal expansion)	US-PGPUB; USPAT; USOCR; EPO; JPO	SAME	ON	2007/04/10 12:35
S95	3812	438/106.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	SAME	ON	2007/04/10 11:13
S93	673	438/112.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	SAME	ON	2007/04/10 11:11
S92	7	(thermal expansion leadframe) (singulate or singulation)	US-PGPUB; USPAT; USOCR; EPO; JPO	SAME	ON	2007/04/10 11:09
S89	159	light and (thermal expansion leadframe)	US-PGPUB; USPAT; USOCR; EPO; JPO	SAME	ON	2007/04/10 11:07
S87	231	light and (thermal expansion slot frame)	US-PGPUB; USPAT; USOCR; EPO; JPO	SAME	ON	2007/04/10 11:01
S88	7	S87 and ("257"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	SAME	ON	2007/04/10 10:56
S83	1009	light expansion frame (slot or slit or cut or gap)	US-PGPUB; USPAT; USOCR; EPO; JPO	SAME	ON	2007/04/10 10:55
S85	270	S84 and ("257"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	SAME	ON	2007/04/10 10:50
S84	11372	expansion frame (slot or slit or cut or gap)	US-PGPUB; USPAT; USOCR; EPO; JPO	SAME	ON	2007/04/10 10:50

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## **EAST Search History**

S74	103	S73 and ("257"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	SAME	ON	2007/04/10 10:50
S73	3413	light expansion frame	US-PGPUB; USPAT; USOCR; EPO; JPO	SAME	ON	2007/04/10 10:49
S82	5	S81 and (expansion frame)	US-PGPUB; USPAT; USOCR; EPO; JPO	SAME	ON	2007/04/10 10:48
S81	997	osram opto semiconductors gmbh	US-PGPUB; USPAT; USOCR; EPO; JPO	SAME	ON	2007/04/10 10:48
S77	364	257/E33.058.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	SAME	ON	2007/04/10 10:47
S75	1011	257/E25.02.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	SAME	ON	2007/04/10 10:26
S72	2554	257/676.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	SAME	ON	2007/04/10 10:25
S71	43	waitl gunter.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	SAME	ON	2007/04/10 10:22
S70	21	kromotis patrick.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	SAME	ON	2007/04/10 10:20